



# *EASY DRIVE*

User Manual  
Version 1.0

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## 1. Introduction

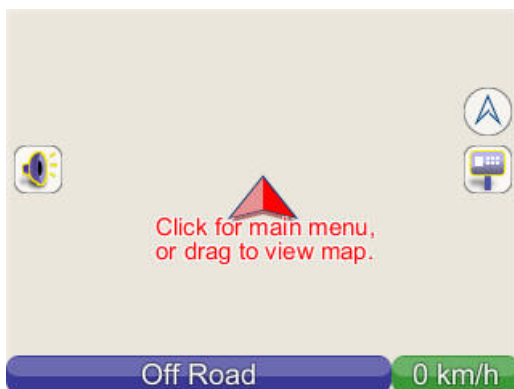
Congratulations on your purchase of Crypto Easy Drive. The Easy Drive is a navigation device to help you make your trip easy and comfortable.

## 2. Getting Started With GPS Navigation and Easy Drive

### Step 1

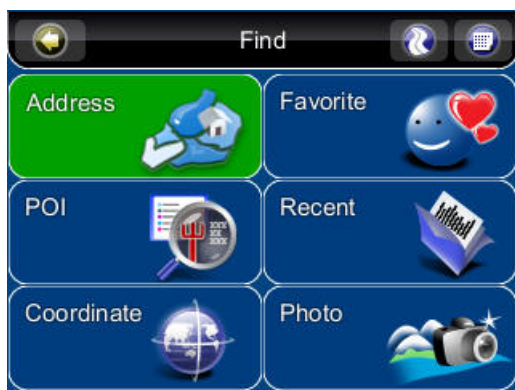
Start Easy Drive and press the centre area on the touch screen to go the **Main Menu**. Then press the **Find Button** in the Menu.

If you do not have a GPS fix, or want to *simulate* a route, select a *starting location* first using this tutorial up to **Step 5**, then select a *destination* using this tutorial a second time.



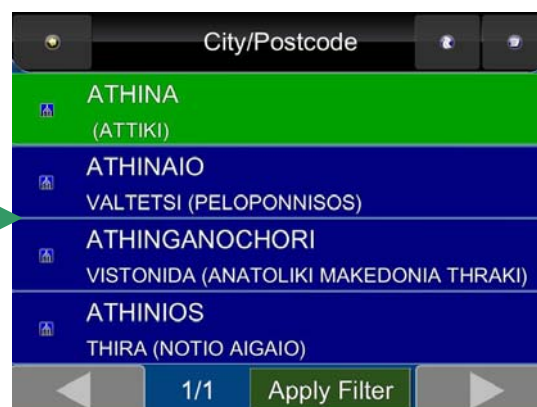
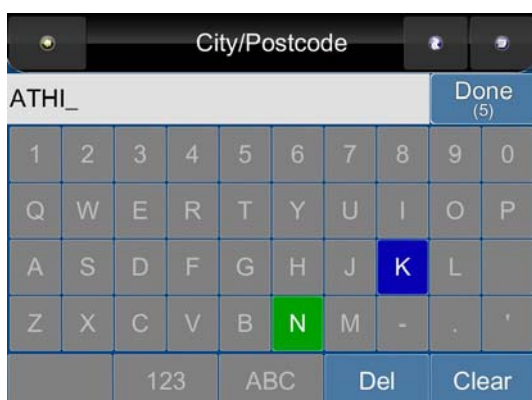
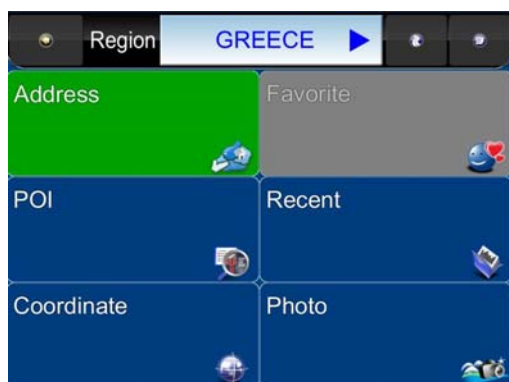
### Step 2

Press the **Address Button** in the Find Menu. Press the **Region Name Tab** to Select / switch the country.



### Step 3

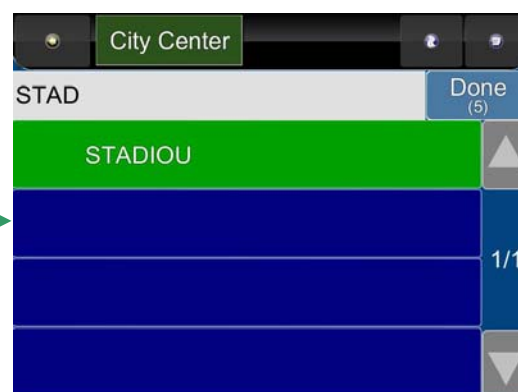
Enter **City/Postcode** on the onscreen keyboard.



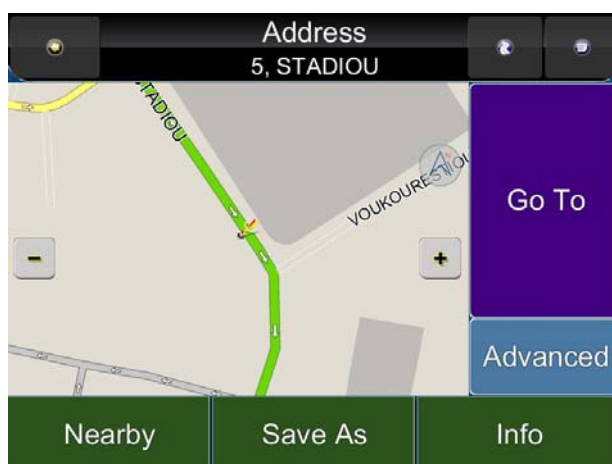
Note: The number you see under the “Done” button states that 5 City names starting with the letters “ATHI”

### Step 4

Then enter the **Street info and House Number info.**

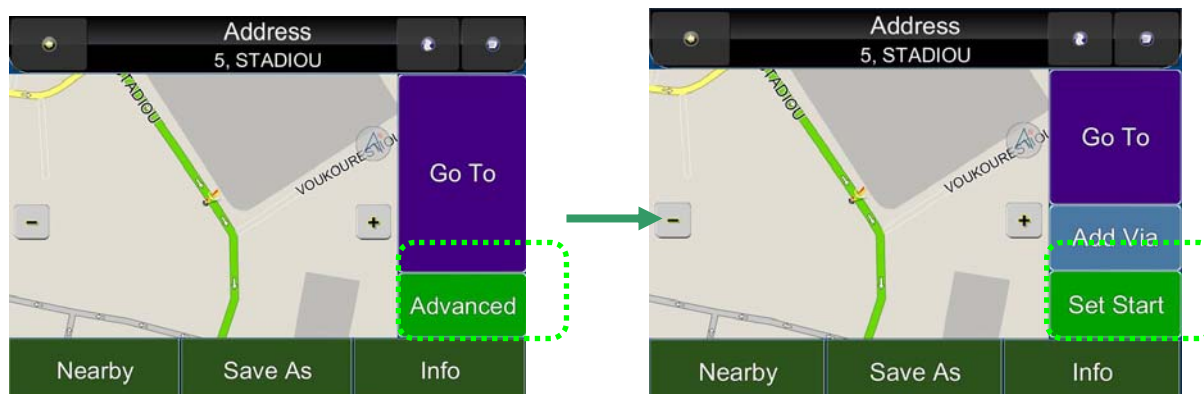


Note: Again as above the number you see under the “Done” button states that 69 address names starting with the letters “STA”



Then press the **Go To Button** in the **Location Menu** to begin navigation. Easy Drive will calculate a route to the destination from your current location when you have a GPS fix.

If you are selecting a starting location for simulation, press the **Advanced Button** and then press the **Set Start Button**, and then choose the Main Menu in the top right corner of the screen to select the destination. (Return to **Step 1**) to find a destination and press the **Go To (Demo) Button** once the destination has been found. This will calculate a route from your starting location to your destination.



**Step 5**

You can begin using your GPS system if you have a GPS fix. If you do not have a GPS fix, you can use the **Demo** feature to simulate the route to your destination. You can now drive to your destination, and you will be guided by voice commands at every turn. For more information about advanced functions, please read the rest of this manual.



## 3. User Interface

### 3.1 Main Menu

The **Main Menu** provides access to Easy Drive's many features. You can access the **Main Menu** by pressing any where in the map screen. The following features can be accessed from the **Main Menu**.



**Find:** Search for a destination

**Map:** Return to the map screen or Navigation/Free run screen

**Route:** Access the current route, itinerary, statistics and map information

**Settings:** Configure system and routing settings and manage favourites list

**Info:** Display GPS, driving information (Statistics) and information about Easy Drive version.

**My Data:** Maintain user specific information like Favourite, Itinerary, and Trail ...etc.

**Exit:** Exit Easy Drive



All submenus contain the following features on the top panel at the top of the screen:



**Back Button:** Return to the previous screen



**Map Button:** Return to the Map Screen or Navigation/Free run screen



**Menu Button:** Return to the Main Menu

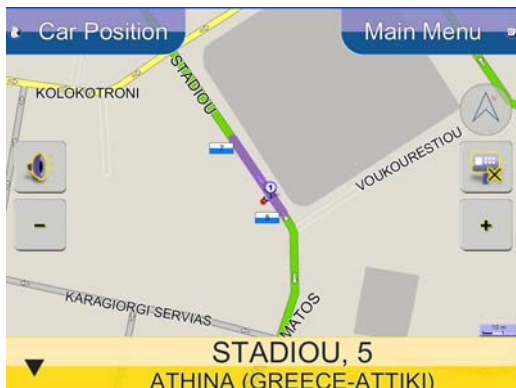


## 3.2 Map Screen

The **Map Screen** displays a map of your current location, as well as displaying nearby POIs and information. You can also use it as an electronic map.

When in **Navigation/Free Run Screen**, by panning the map, you can enter the Map Screen.

Note that if you're using Heading-up in **Navigation/Free Run Screen**, then the **Map Screen** will follow the orientation. By click the **North Indicator**, the Map Screen will change to North-up. Once in North-up, it can't return to Heading-up.



Map Screen

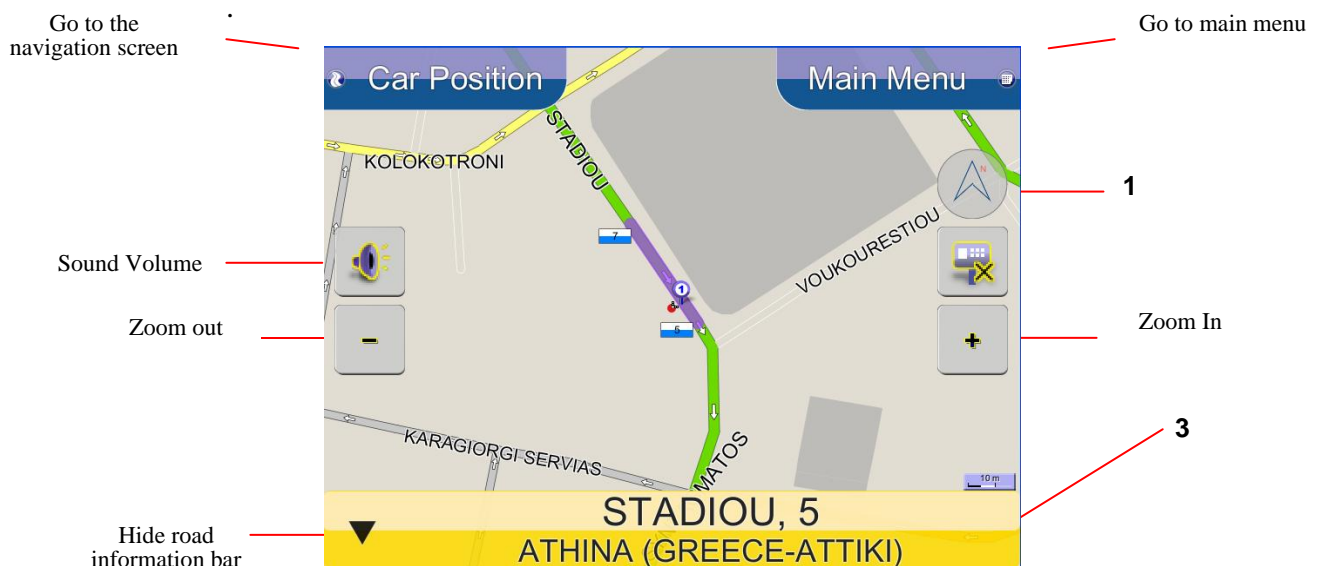


Map Screen 3D

### 3.2.1 Functions

#### Map Screen

Below you will find information on how you can easily edit the various elements and the shortcuts of the map, like the sound of the voice instructions, how to select a point on the map and navigate with a move, etc



### 1. Map Orientation

If you press it you can customize the map in two-dimensional or three-dimensional look.

### 2. Near By POIS

If you press it you will be able to select a nearby POI from the predefined list for the area you have chosen

### 3. Road Information and next steps

Clicking on a street, a small red dot on the map, the numbers of street and at the bottom of the screen, the street name and area will appear. If you click on the name of the street, in the information bar you will go to the location menu where you can set that address as a destination, save to favourites, view information about that point (GPS coordinates, etc.) and find a nearby POI .

## 3.2.2 Map Displays

### Map Screen Icons



: Starting Point



: Destination



: Turn



: Point of Interest



: Selected Street



: Waypoint



: Next Turn



: Selected Point of Interest



: Selected Location



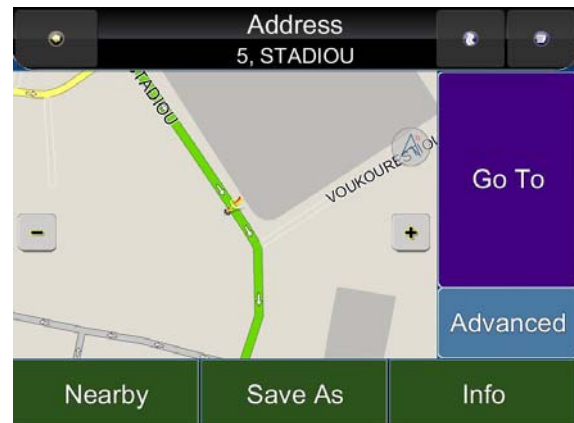
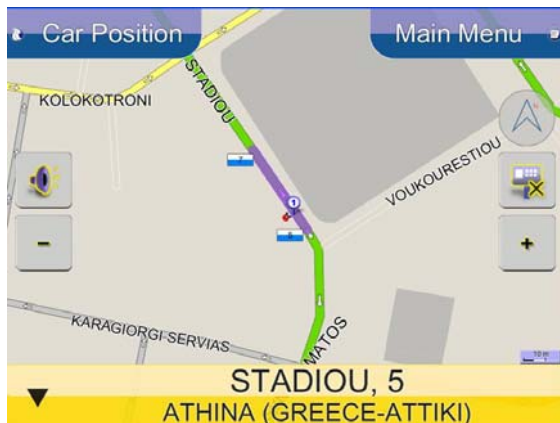
: Current Location/GPS Fix Location

## 3.3 Panning (Browsing the map)

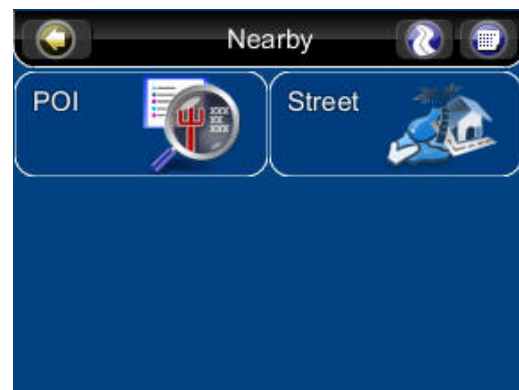
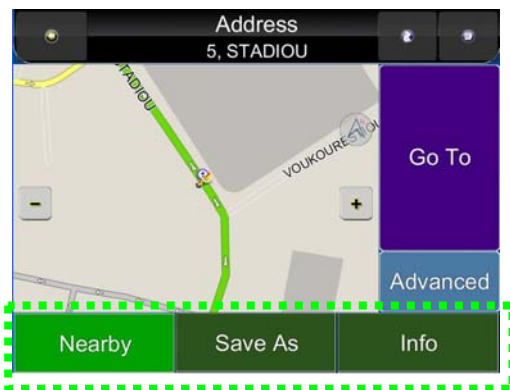
You can browse different areas of the map in the map screen by dragging the map. Simply hold your finger down on the screen and drag it in the opposite direction.

## 3.4 Location Menu

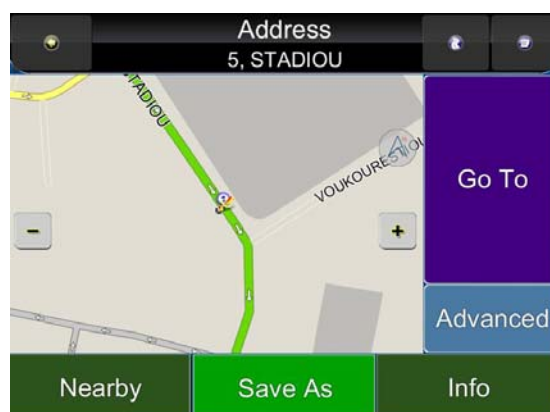
You can select locations (POI Icons) or streets on the map by pressing the icon or location and pressing the **Street/Place Information Panel**. The **Location Menu** will then appear. The **Location Menu** will also appear when you select a location from the **Find Menu**.



**Nearby:** Displays a list of nearby POIs or streets.



**Save As:** Save the location as your Favorite.



**Info:** Information about the selected location.

**If Advanced is pressed**

**Set Start:** Set the starting point for route planning/simulation.

**Go To:** Set the destination for route planning.

**Add Via:** Add intermediate waypoint in route to your destination.

### 3.5 Navigation Screen

Below you will find information on how to use the navigation screen while driving to a destination and what each of the features you see on the screen do.



#### 1: Current Turn Manoeuvre

The arrow shows you what would be the direction of the current turn you will come across on the way to your destination

If you press the arrow of the GPS voice function will repeat the direction of the turn

#### 2: Manoeuvre at Next Turn

The arrow shows you what would be the direction of the next turn you will come across on the way to your destination

#### 3: Next Turn Street name

If you press it you will have access to the turn list.

#### 4: Sign Post

Here you can see a sign with the name of the region that the road leads

#### 5: Guidance symbol

If you press it you can switch between 2D North-up, 2D Heading-up, 3D Head-up views

#### 6: Car position

The triangle, informs you the position that your vehicle has on the road and also the GPS signal strength

- Green (GPS signal strong),
- Yellow (GPS signal weak),
- Red (GPS Signal Lost)
- Grey (Simulation)

**7. PIP (Picture in Picture)** The window appears to help you to follow the right path, and mainly has to do with whether to stay in a highway or if you get an exit. Also if you have activated the speed camera the speed limit is shown here.

#### 8: Speed:

If the sign shows in Green colour, you could switch between Current Speed / Current time. If the sign shows in Red colour, it means you're over the setting speed limit. Users could click on the sign to switch to speed limit options

#### 9: Switch between Current Street / Current Town (Press to alternate)

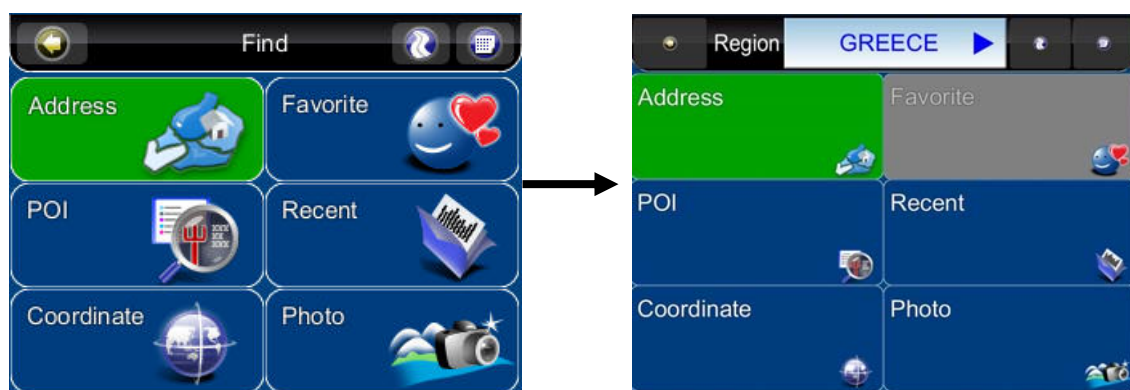
## 4. Finding Destinations

Easy Drive offers many methods to search for a particular destination. This is useful as you can pinpoint the search locations and minimising your search time. Once a destination has been found, the **Location Menu** will appear, and Easy Drive will calculate a route to the chosen destination when you press the **Go To Button** or the **Add Via** Button. You can also use the **Find Menu** to set a **Starting Point for route simulation**,

### 4.1 By Address-City/Postal Code First

**Main Menu ->Find ->Address ->City/Postcode**

Enter the city name or postal code using the onscreen keyboard. You can also enter a key word if you are unsure of the location as Easy Drive will list all possible locations with that key word. Once you have found the destination, Easy Drive will load the Location Menu.



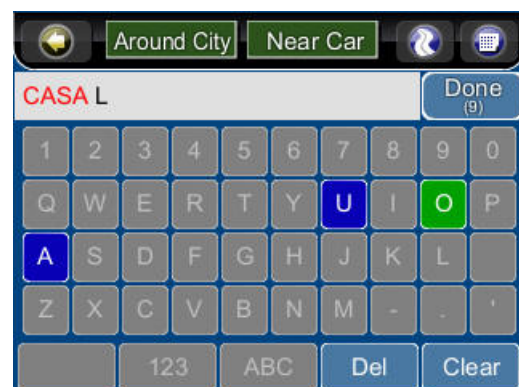
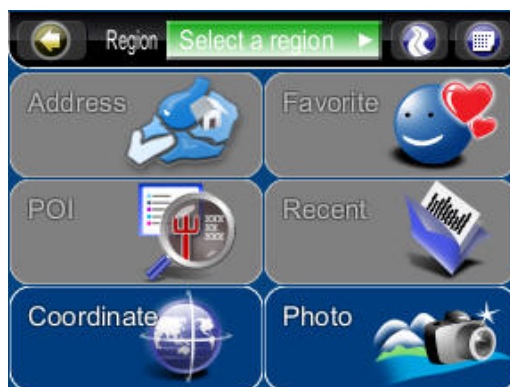
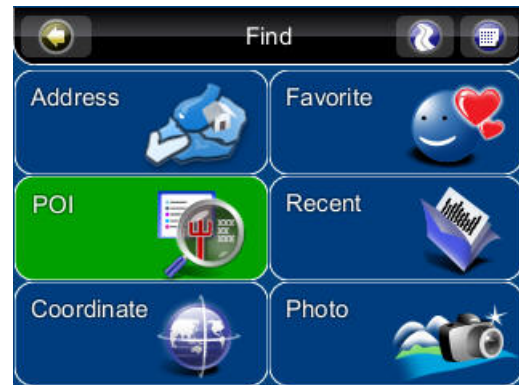




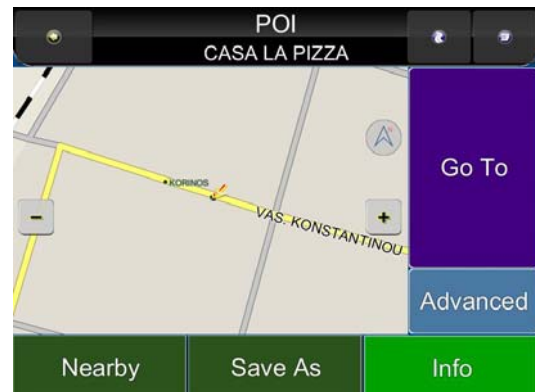
## 4.2 By Points-of-Interest (POI)

### Main Menu ->Find ->POI

You can search for POIs within a country. Points of Interest are local landmarks or interesting places, and are represented by icons on the **Map Screen**. To simplify searches, POI has been categorized. Once you have found the destination, Easy Drive will load the Location Menu.

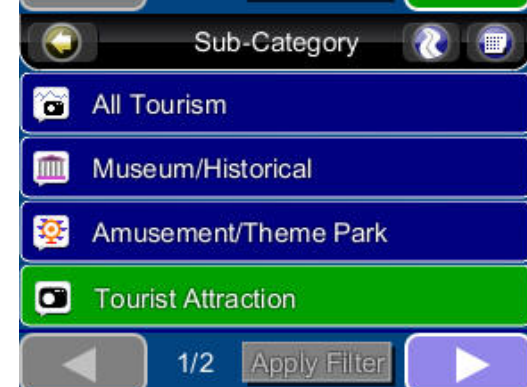






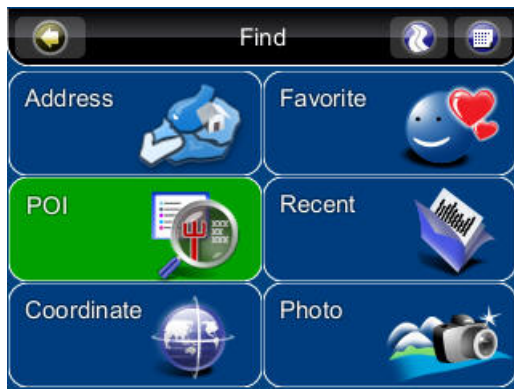
### Main Menu ->Find ->POI -> Around City

You can search for any POI in a city or region. Once you have found the destination, Easy Drive will load the Location Menu.



### Main Menu ->Find ->POI ->Near Car

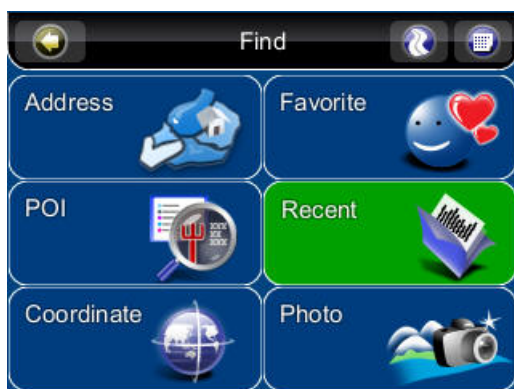
List maximum 300 POIs within 50 kilometres from your current location. Once you have found the destination, Easy Drive will load the Location Menu.



### 4.3 By Recent Destinations

Main Menu ->Find ->Recent

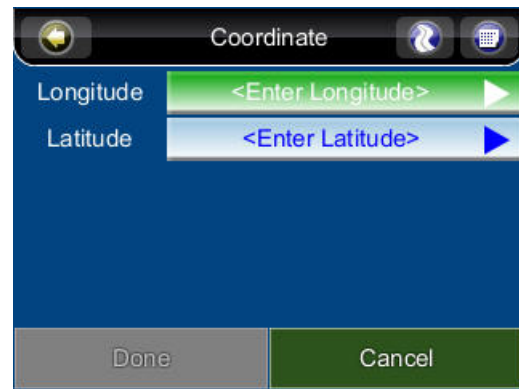
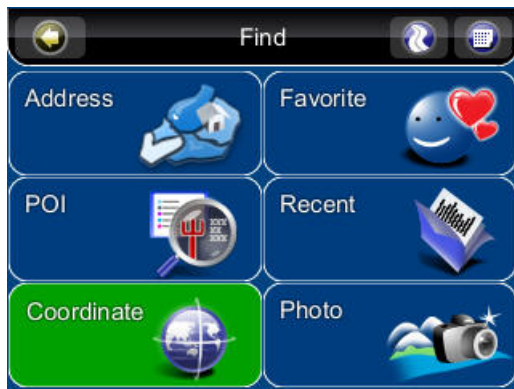
Easy Drive stores and lists the 50 destinations that were previously in sequential order for convenience should you decide to revisit the same place in the future.



### 4.4 By GPS Coordinates

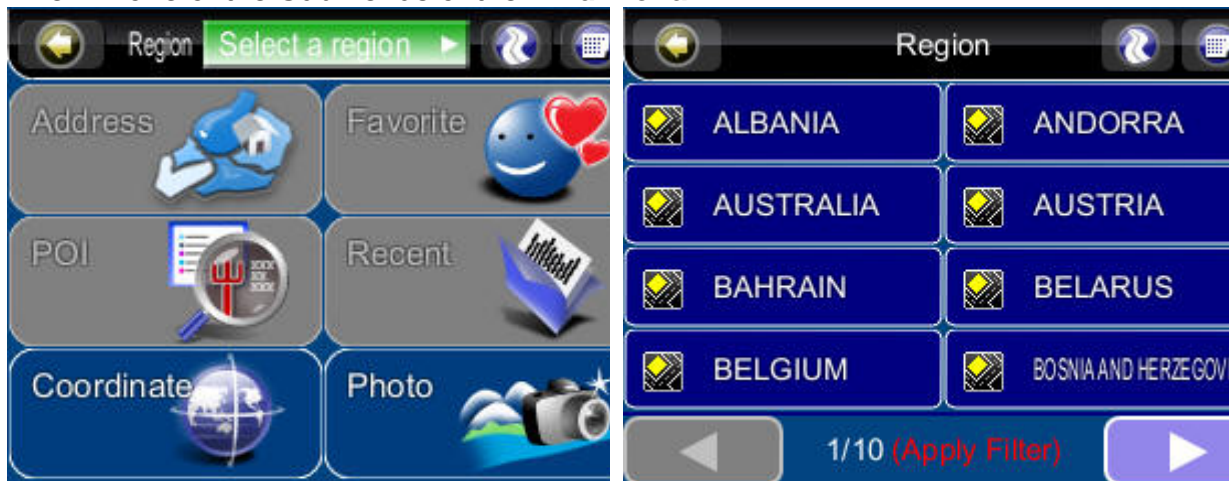
Main Menu ->Find ->Coordinates

You can enter GPS coordinates of a location if it is known. The following notation is used to input latitude and longitude coordinates: **E 21.665°** and **N 24.7775°**.



#### 4.5 Searching in Different Countries

If you want to change the country you are searching, press the **Country Name Tab** when in one of the Submenus of the **Find Menu**:



**Note:** Before you can search for places in a country, you must have the map of the region. Easy Drive lists all the maps you have installed in the Country List, so if the country is not listed, it means that you either don't have the map for that country, or that the map for that country has not been installed.

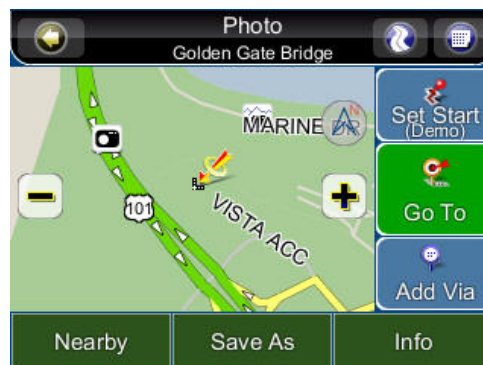
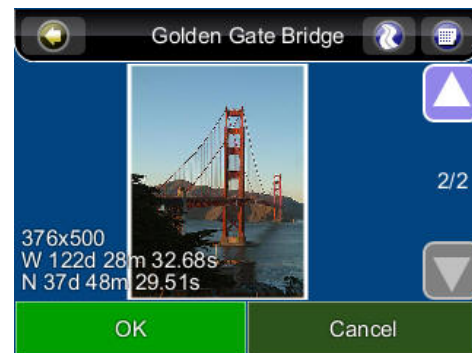
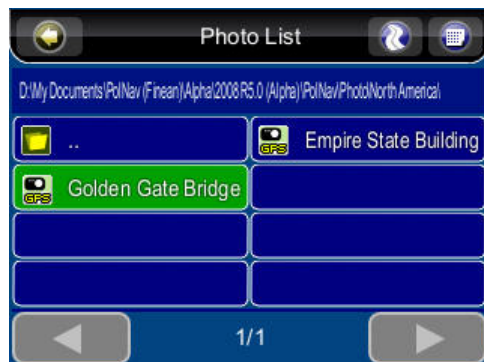
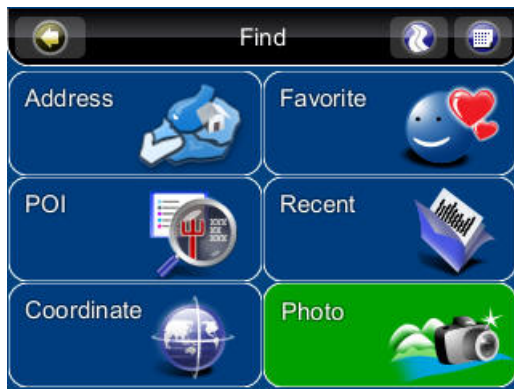
**Note:** You can perform international searches and calculate international routes if you have the maps of the relevant countries.

#### 4.6 By Photo

##### Main Menu ->Find ->Photo (Geotaging)

Easy Drive could use JPEG/EXIF file to get the location. EXIF (EXchangeable Image File) data could save the information in the JPEG file when taking the picture by digital camera.





If the JPEG photo does not include the coordinate data, Easy Drive will not adapt it and the "OK" button will not be allowed to press.

PS. To choose the folder which contains the GPS photos, you could press the ".." (at the top left) and then could go to upper directory.

## 5. Advanced Routing Features

### 5.1 Making Detours

**Route -> Turn List -> Select the street or location -> Detour**

The route is recalculated to take a detour around the location or street.

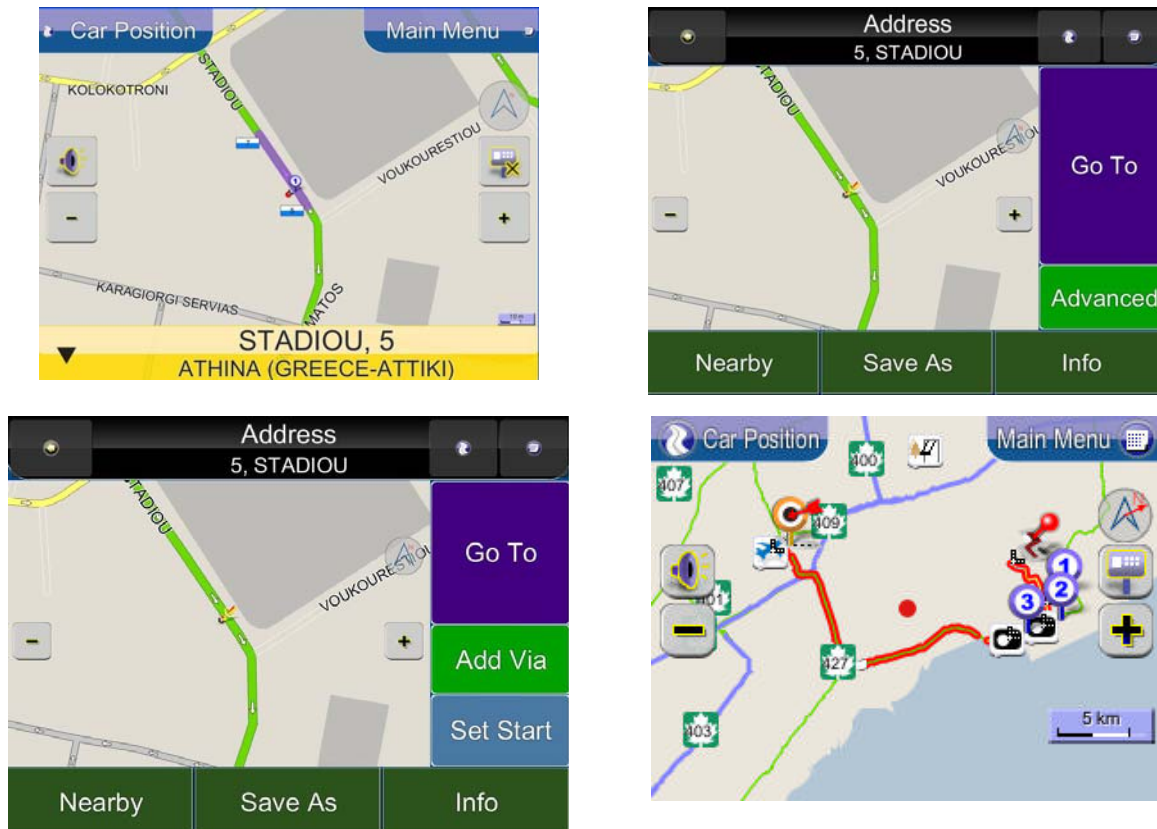


### 5.2 Adding Intermediate Waypoints

**Map Screen -> Select a location -> Location Menu -> Add Via**  
Or

**Main Menu -> Find -> Find a destination -> Location Menu -> Add Via**

You can add additional waypoints en route to your destination by using the **Add Via Button**. Simply find a destination using the **Find Menu** or by selecting it from the **Map Screen**. Once in the **Location Menu**, press the **Add Via Button**. This location will be placed between your starting/current and final destination. For multiple waypoints, they are added in sequential order for convenience. You can manage the list of intermediate waypoints using the **Itinerary List**.



### 5.3 Changing the End Destination

Map Screen ->Select a location ->Location Menu ->Go To ->Extend  
 Or Main Menu ->Find ->Find a destination ->Location Menu ->Go To ->Extend

You can add a **new destination** to the **end of your route list** using this method.



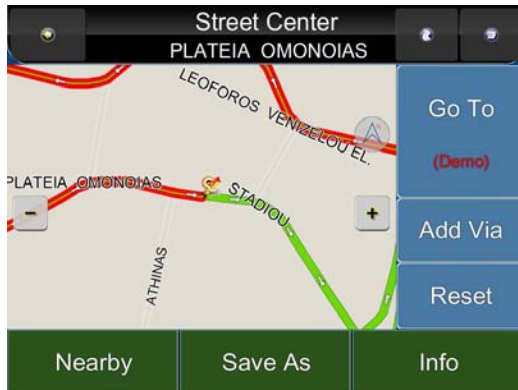
Map Screen ->Select a location ->Location Menu ->Go To ->Replace  
 Or Main Menu ->Find ->Find a destination ->Location Menu ->Go To ->Replace

The Replace button replaces the end destination with the one you have just selected. All waypoints between the starting/current location and the end location will remain the same.



## 5.4 Route Simulation

Easy Drive allows you to **simulate** the route to your destination without the need for GPS fix. Simply set a **starting point** and a **destination point** and **intermediate waypoints** if needed.



## 6. Route Management

### 6.1 Route information

Main Menu ->Route ->Detail

It includes information such as the **distance remaining** until next waypoint, **travel time** and **arrival time**.



## 6.2 Turn List

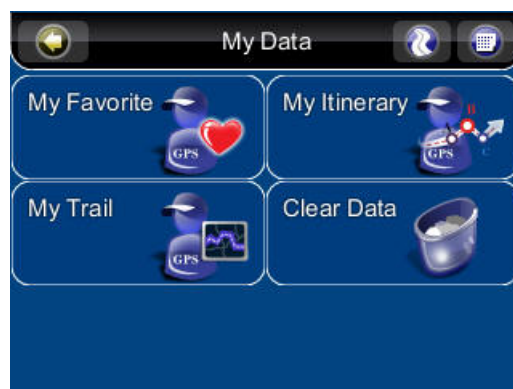
Main Menu ->Route ->Turn List

The Turn List is a list of all corners and roundabouts (**turns**) you will pass on the way to your destination. To view a turn, press its panel on the **Turn List**. This will load a map showing the location of the turn.



Turn List		
	KARAGIORGI SERVIAS ATHINA	75 m <1 min
	VOULIS ATHINA	220 m <1 min
	KOLOKOTRONI ATHINA	320 m <1 min
	LEOFOROS VENIZELOU EL. ATHINA	520 m <1 min
	SOKRATOUS ATHINA	1.6 km 2 min

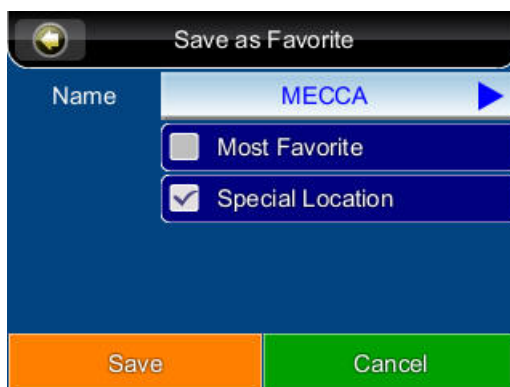
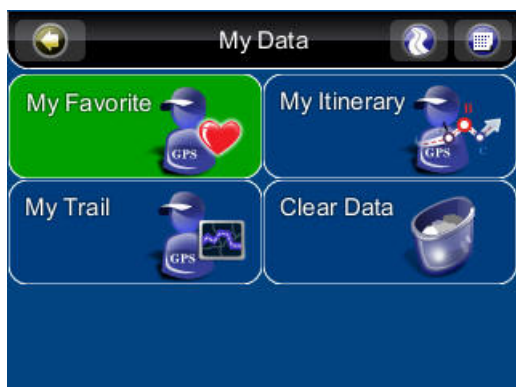
## 7. Managing Favourites, Itineraries and Trails



## 7.1 My Favourites

**Main Menu ->My Data ->My Favourite**

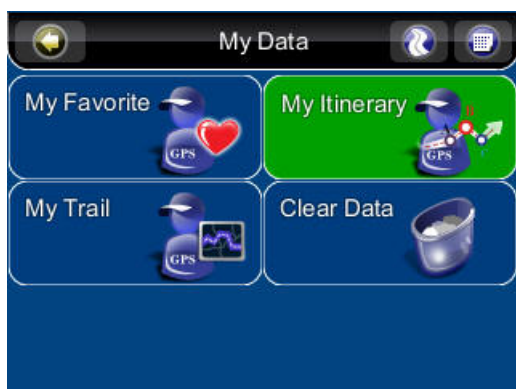
You can edit your **Favourite** destinations by accessing the **My Favourites Menu**. You can add the places of Favourites.



## 7.2 My Itinerary

**Main Menu ->My Data ->My Itinerary**

You can retrieve a planned itinerary by pressing **Load Button**. After having a loaded itinerary (current itinerary), you can add, edit or save the itinerary. If a route already exists before you retrieve an itinerary, a warning message will be shown.

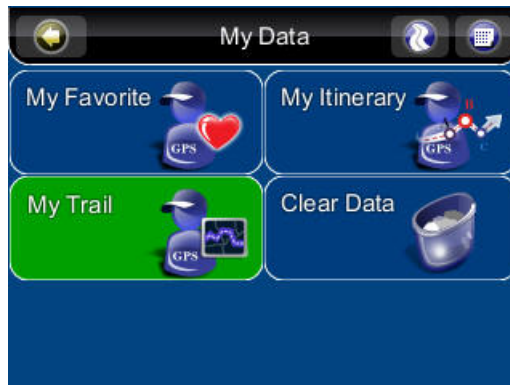


## 7.3 My Trail

### Main Menu ->My Data ->My Trail

You can show a trail on the **map screen** by pressing **Show Button**. **Show/Hide** is toggled.

..

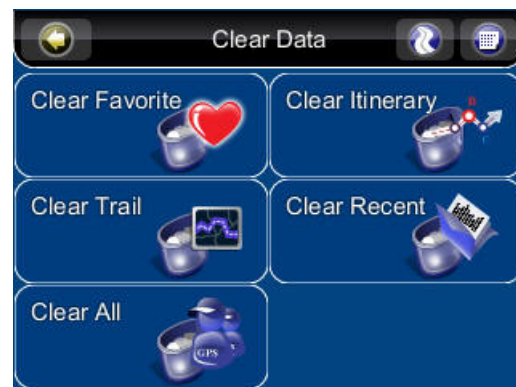
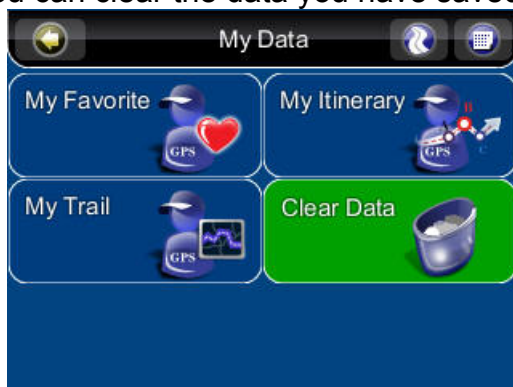


Trail settings allow you to record and name the travel tracks/routes you have taken to your destination when you have a valid GPS fix for future reference. You can save these and load (display) them at a later date. This is particular useful for off-road situations where no route can be calculated to your destination. Only one trail can be displayed at any time.

## 7.4 Clear Data

### Main Menu ->My Data ->Clear Data

You can clear the data you have saved here



## 8. Configuring Easy Drive

To change the software settings, press the Settings button on the Main Menu. Easy Drive offers a high degree of personalisation settings, as well as normal system settings. You can access these settings from the **Main Menu ->Settings Menu**.

### 8.1 General Settings

**Main Menu ->Settings ->General**

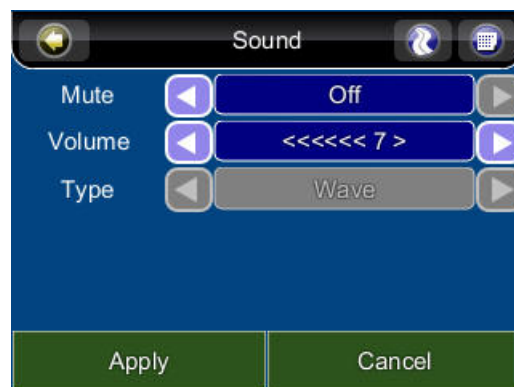




### 8.1.1 Sound

#### Main Menu ->Settings ->General ->Sound

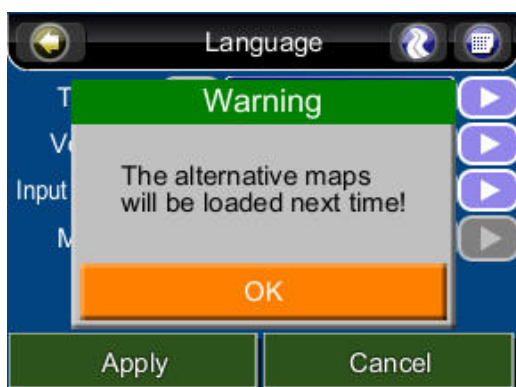
You can adjust the volume of the voice prompts and sound effects here, as well as enabling sound/disabling sound.



### 8.1.2 Language

#### Main Menu ->Settings ->General ->Language

The **Language Menu** allows you to change the Settings of Easy Drive for use in different countries. You can change the **Text** and **Voice** prompts used by Easy Drive. To switch dual language map's text, please kindly change the Map language from the following screen.

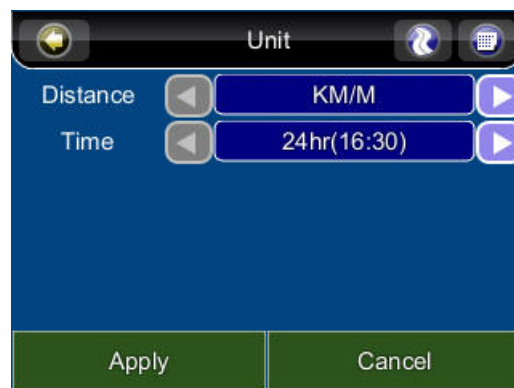


The map's language will be changed when next time loaded!!

### 8.1.3 Unit

**Main Menu ->Settings ->General ->Unit**

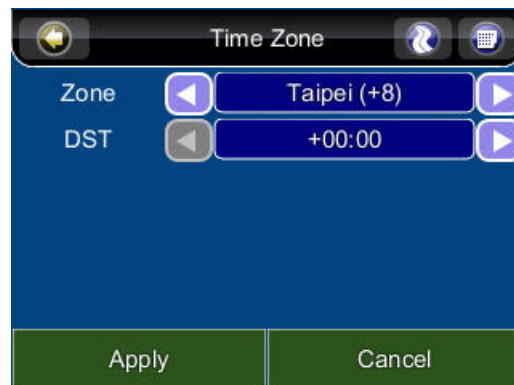
The **Unit Menu** allows you to change Unit Settings of Easy Drive for use in different countries. You can change the **measuring units** (distance) and **time** settings.



### 8.1.4 Time Zone

**Main Menu ->Settings ->General Settings ->Time Zone**

The **Time Zone Menu** allows you to adjust the **time** displayed by Easy Drive for the **area or country** you are currently in. This is useful if you are in a country that adopts daylight saving. Also you can adjust the time for summer and winter 00:00, 01:00

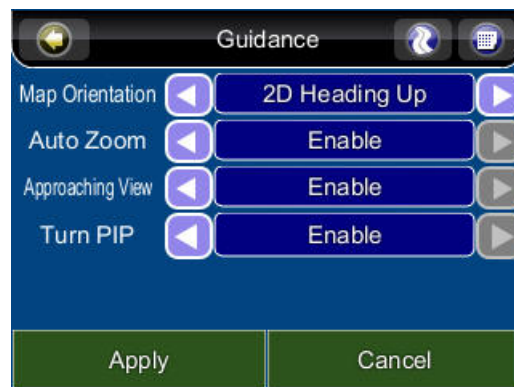




### 8.1.5 Guidance

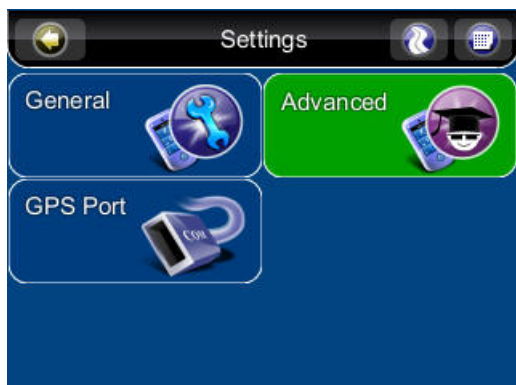
**Main Menu ->Settings ->General ->Guidance**

The **Guidance Menu** allows you to adjust the **Map Orientation**, **Auto Zoom**, **Approaching View**, **Turn PIP**.



### 8.2 Advance Settings

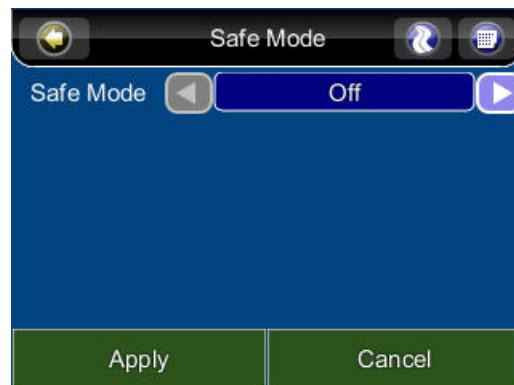
**Main Menu ->Settings ->Advanced**



#### 8.2.1 Safe Mode

**Main Menu ->Settings ->Advanced ->Safe Mode**

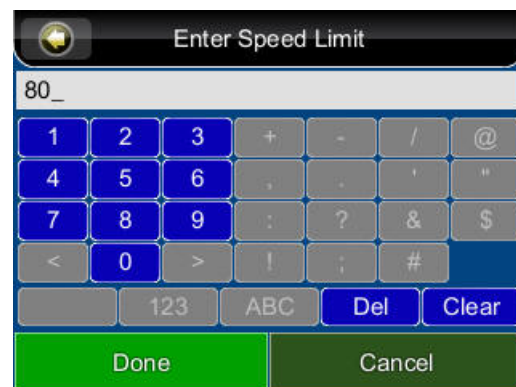
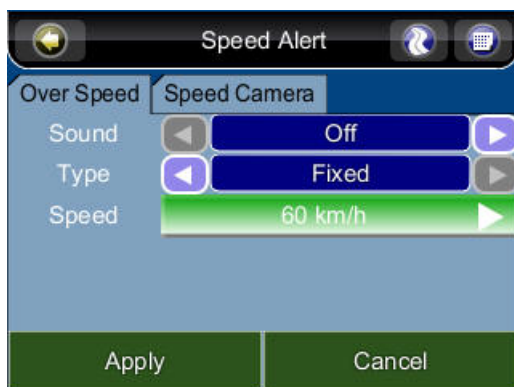
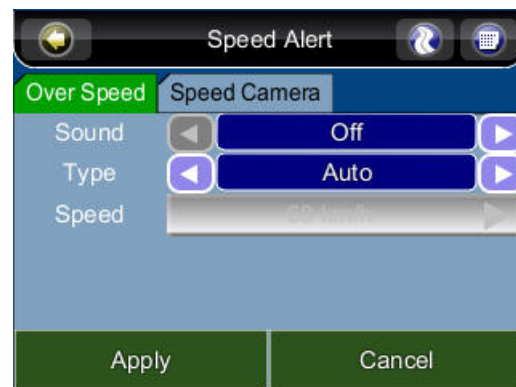
By enabling "Safe mode", the touch screen function will be disabled when the vehicle speed is above 40km/hr. This is to prevent drivers from operation of navigation devices. The touch screen function will be normal once the vehicle speed is below 40km/hr.



## 8.2.2 Speed Alert

### Main Menu ->Settings ->Advanced ->Speed Alert

You can enable speed alerts, which will warn you when you exceed the speed alert velocity.



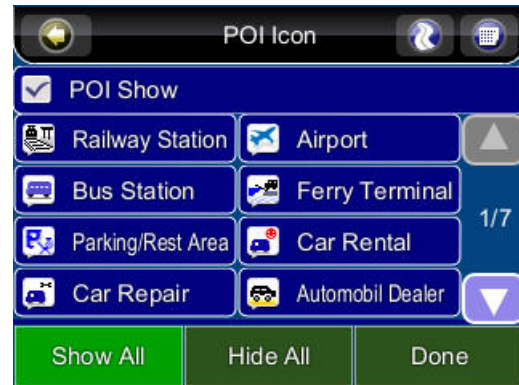
**Note:** The speed cameras sign will show when there are speed cameras in front of the car. The speed camera alert will warn you when the speed camera is approaching along the road. You will see (!) icon in the map and when it is approaching a second icon will appear next to the voice button notify how many meters you have left. Then you will hear one “Don” sound when you deviate from the speed camera.

If you are over speed limit, you'll read the red speed in the bottom right corner and will keep hearing the warning “Beep” sound. This function could be enable or disabled.

### 8.2.3 POI Icon

#### Main Menu ->Settings ->Advanced ->POI Icon

You can reveal, hide all or just some POI icons for ease of visibility on the **Map Screen**. **Select the icons** you wish to have displayed or hidden on the **Map Screen**, then press the **Done Button**.



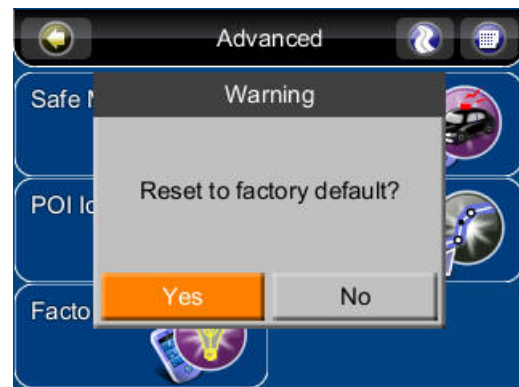
### 8.2.4 Trail

#### Main Menu ->Settings ->Advanced ->Trail

Trail settings allow you to record and name the travel tracks/routes you have taken to your destination when you have a valid GPS fix for future reference. You can save these and load (display) them at a later date. This is particular useful for off-road situations where no route can be calculated to your destination. Only one trail can be displayed at any time.

### 8.2.5 Factory Default

#### Main Menu ->Settings ->Advanced ->Factory Default

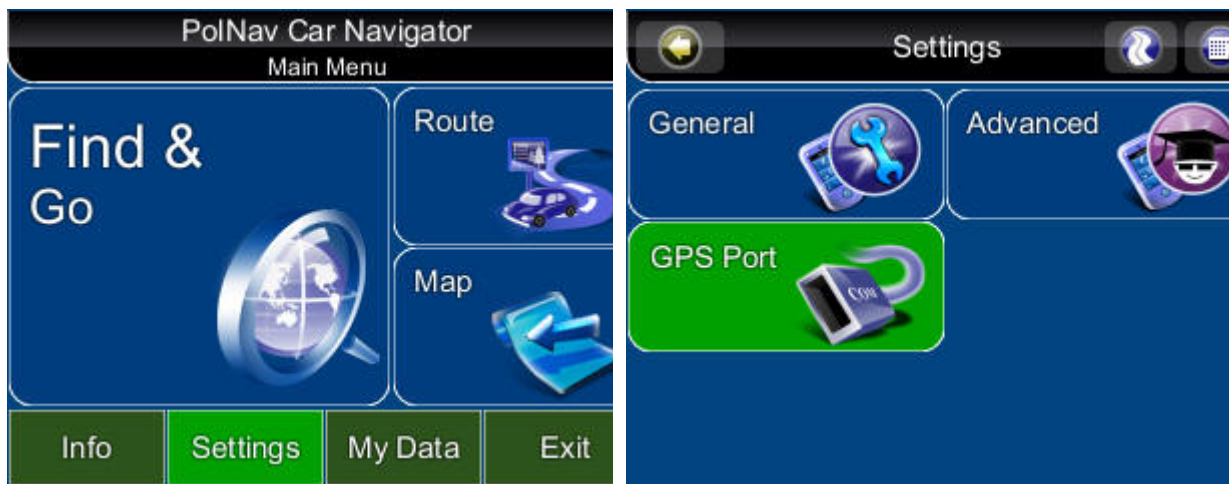


If you would like to retrieve the default settings, you could **restore the Factory Default Settings** and restart again.

### 8.3 GPS Port

#### Main Menu -> Settings ->GPS Port

Please ensure your GPS hardware has been correctly setup. The device has already preinstall the correct setting in order to start navigation from the moment you open the product. You will only need to do is your GPS ca not find any satellite signal.



The correct GPS settings are COM Port: **COM 7** and Baud Rate: **4800 bps**.

### 9. Route Options

#### Main Menu -> Route ->Route Options

Route options take your preferences into account when calculating the route to your destination. It is affected by the following parameters, which you can set:





- **Vehicle Type:** Car, Bicycle, Walker can be selected.
- **Routing Method:** Shorter (distance), Faster (time), Economic (heuristic) routing algorithm can be applied.
- **Avoid Highway:** Highway won't be considered as route solutions.
- **Avoid Minor Road:** Minor roads in communities or paved for walker won't be considered as route solutions.
- **Ignore Traffic Rule:** one-way or manoeuvre traffic rules won't be considered as route solutions.
- **Avoid Toll Roads:** the route won't take roads with tollbooth as solutions.
- **Avoid Ferry:** ferry won't be considered as route solutions.

To select or deselect a parameter, press the relevant panel on the screen. Once selected, it will be highlighted by a check.

## 10. Easy Drive Information

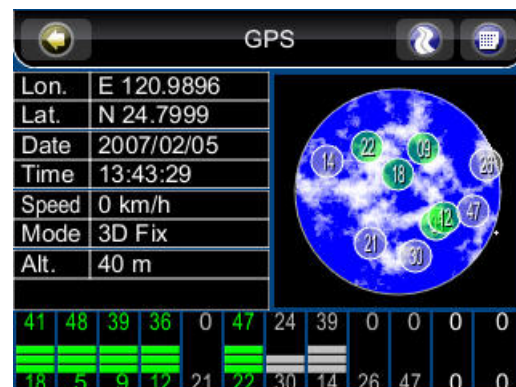
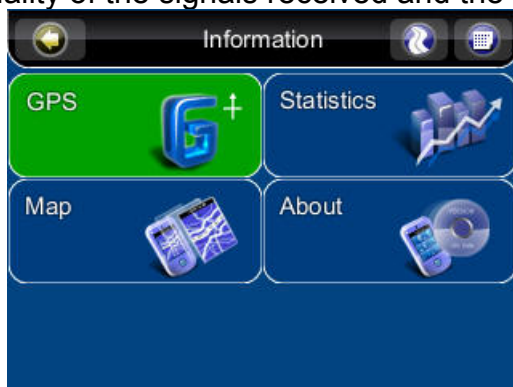
### Main Menu -> Info

The Information Menu gives you information about your route, itineraries, destinations, locations and maps.



### 10.1 GPS

Access information about satellite coverage, current time, longitude, latitude, altitude, quality of the signals received and the status.





## 10.2 Statistics

Information about your current location, heading, velocity, time, etc



Statistics	
Start Time	2007-02-05 21:43:06
End Time	2007-02-05 21:45:07
Average Speed	15 km/h
Top Speed	41 km/h
Total Time	2 min
Moving Time	1 min
Idle Time	<1 min
Total Distance	520 m
Reset	Done

## 10.3 Map

Information about the maps your Easy Drive is using, and what maps you have available. Maps are required before you can navigate the area.



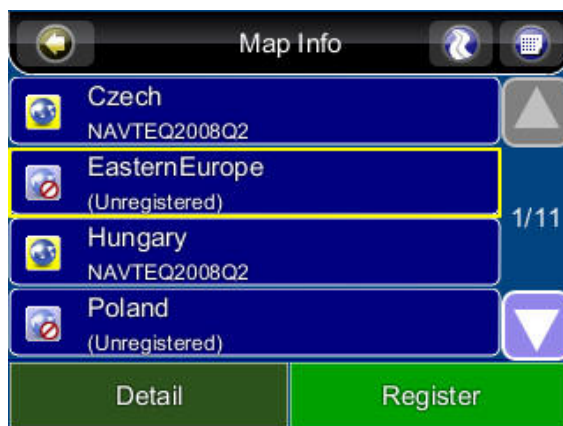
Map Info	
India	NAVTEQ2008Q1
Indonesia	NAVTEQ2008Q1
Malaysia	NAVTEQ2008Q1
Singapore	NAVTEQ2008Q2
Detail	Register

Map Info	
Map Info	Region
1	INDIA

Map Info	
Map Info	Region
Name	India
Source	NAVTEQ2008Q1
Date	2008/10/06
MapCode	India@2008

### 10.3.1 Map Code

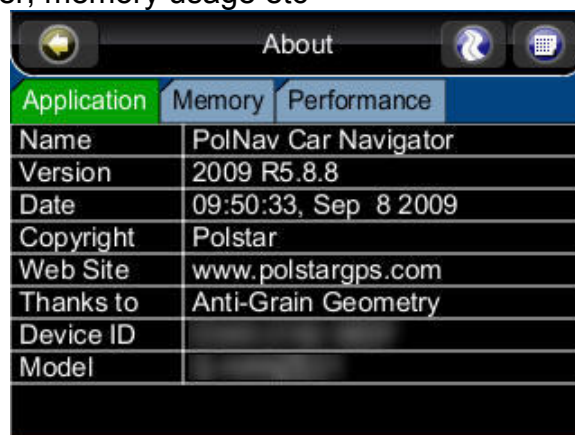
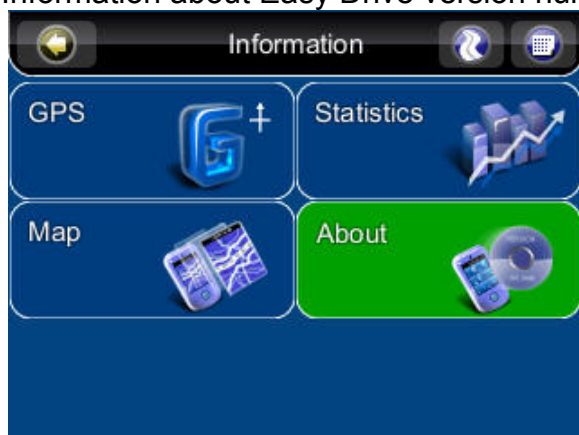
To know your map code, go to **Main Menu**, choose **Info -> Map**



As shown above, each entry has an icon, indicating its corresponding map, map code and the date code. As an example, the first illustrates the region Czech that has a map code check@2008Q2

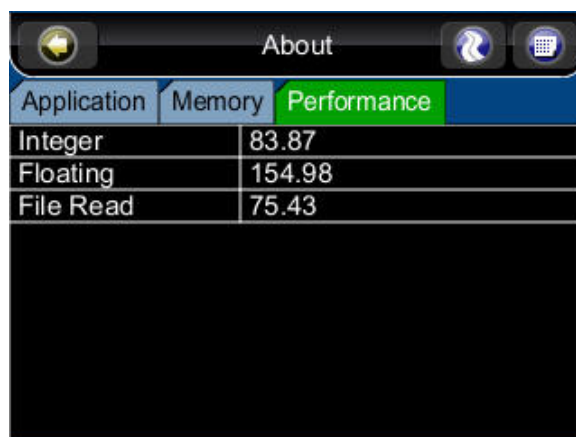
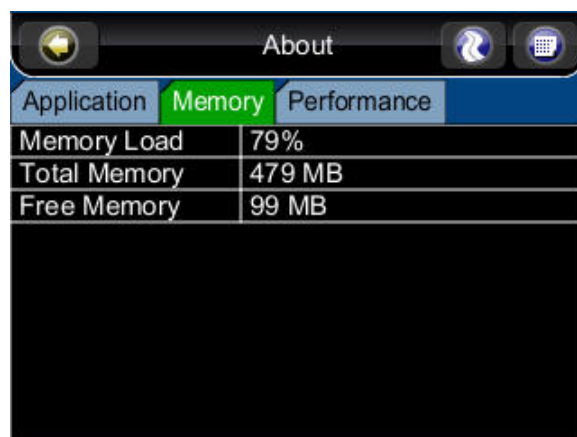
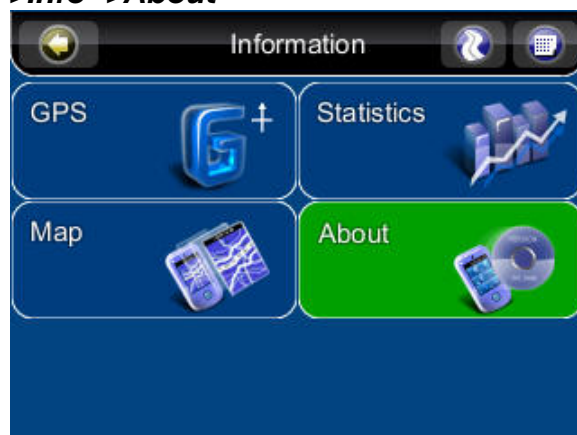
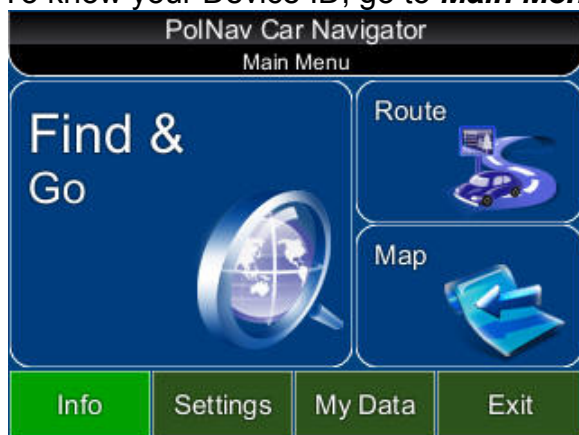
### 10.4 About

Information about Easy Drive version number, memory usage etc



### 10.4.1 Device ID

To know your Device ID, go to **Main Menu ->Info ->About**



## 11. Useful Information

### 11.1 Connection to PC

Caution: When you need to connect the GPS device to a PC you must first turn off the device completely and turn it on when it is connected

### 11.2 GPS First Use

Before you operate the GPS device for the first time make sure that the device is fully charged.

### 11.3 GPS Signal Strength

There are some circumstances that can affect the GPS signal

Examples are:

Cloudy sky, narrow mountain ravines or very tall buildings in a narrow street, when your windscreen is heat reflective, when putting the device at the ventilation docks away from the windscreen.

The most effective place to put the GPS is at the windscreen of the car where it has direct contact with the sky.

Finally low battery power may affect GPS signal strength. For that reason make sure that the battery is always charged or just connect the device with power plug of your car using the included car adaptor.

## 12. General Information

Crypto S.A. takes no responsibility for any use of this product that may result in law violation and/or accidents leading to personal injuries and/or property damage. It is the user's own responsibility to operate the product in a prudent manner that will comply with the law. Crypto will take no responsibility for the consequences caused by inaccurate satellite transmissions. The Government of the United States of America is solely responsible for the accuracy and maintenance of the GPS system.

### 12.1 Important Messages

- **Warning:** Do not operate Easy Drive and a vehicle simultaneously as this is very dangerous. The vehicle must be parked prior to operating Easy Drive. It is your sole responsibility to operate Easy Drive and the vehicle in a prudent manner. Misusing Easy Drive may result in accidents and may lead to injuries and/or property damage. Only a passenger should operate Easy Drive while the vehicle is in motion.
- **Caution:** Although every attempt has been made to ensure the accuracy of the maps and the data used by Easy Drive, the location of points of interest, transportation networks, etc may change over time without notice therefore rendering the data obsolete. Therefore it is essential that you check the actual surroundings with Easy Drive's maps in order to confirm that you are at the exact destination.
- **Caution:** Easy Drive cannot guarantee that any parts of the planned route will be dangerous, closed to traffic, or restricted to certain types of vehicles or is congested. Therefore it is your responsibility to determine the safety of the suggested route and to ignore any illegal or unsafe routes.

## Appendix 1

### *Speed Camera Converter*

**EasyDrive Car Navigator** supports speed camera alert functionality. A data converter is provided to convert user collected data to a proprietary format EasyDrive accepts.

#### **Preparation**

**Platform:** Microsoft Windows XP/2000

**Converter:** speCamConverter.exe

#### **How To**

**Step 1:** Collect the geometry location and attribute of speed cameras. The mandatory information includes longitude and latitude. Speed limit is optional.

**Step 2:** Prepare a text file \*.dat. Put one camera data in a line.

<Longitude>;<Latitude>;<SpeedLimit>

<Longitude>;<Latitude>;<SpeedLimit>

<Longitude>;<Latitude>;<SpeedLimit>...

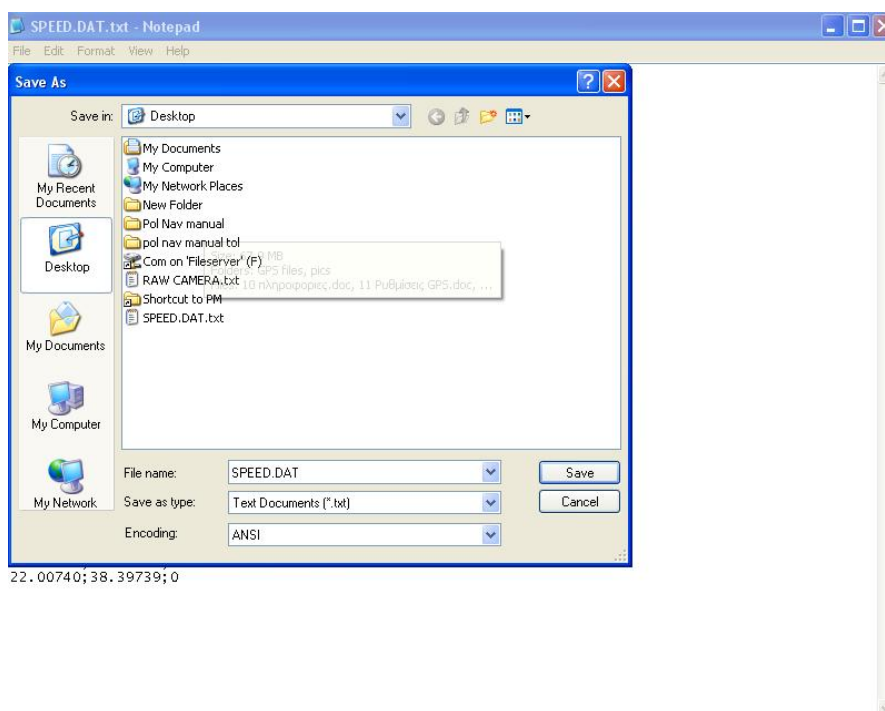
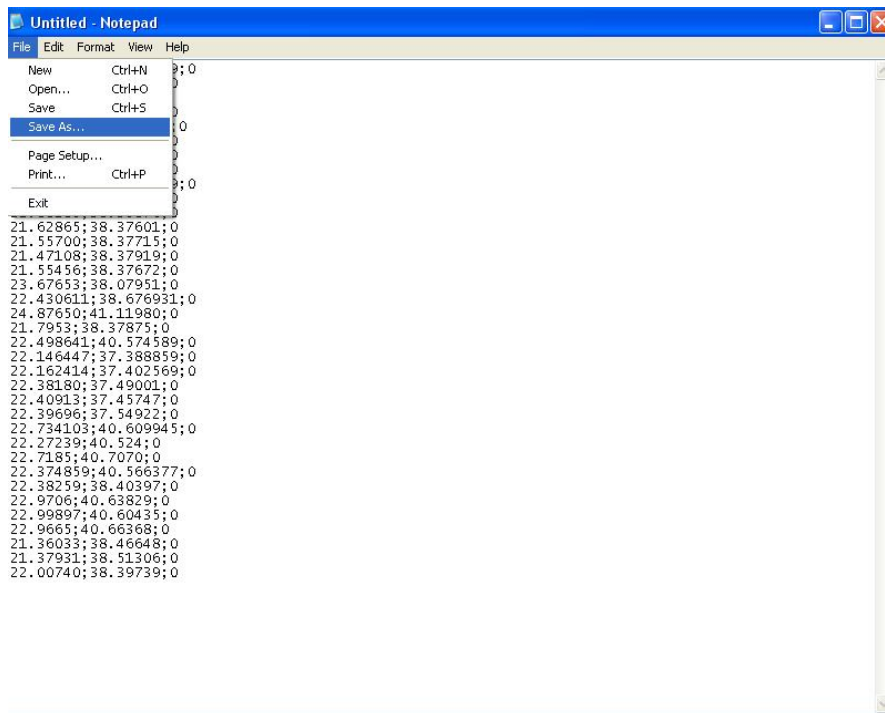
where,

**< Longitude>** is the longitude value of camera in floating point representation. Valid range is from -180 to +180

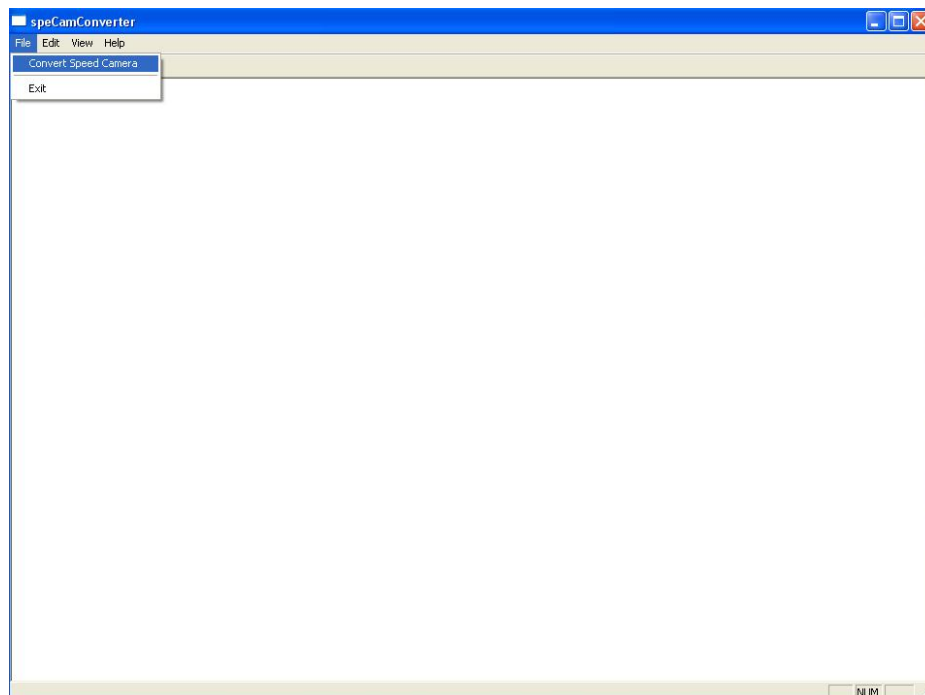
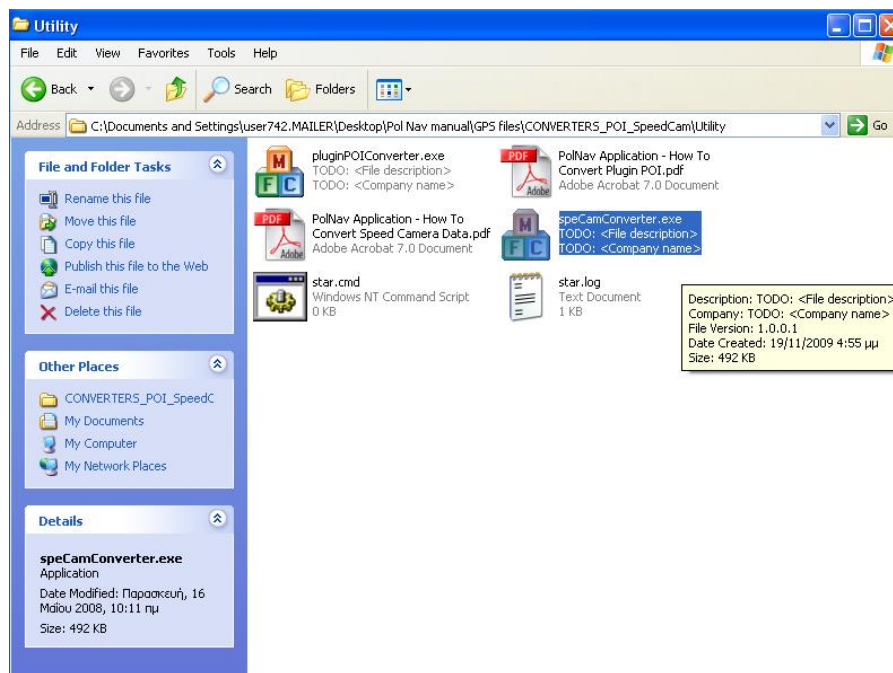
**< Latitude >** is the latitude value of camera in floating point representation. Valid range is from -90 to +90

**<SpeedLimit>** is the speed limit of camera. Give 0 if no applicable value can be specified. This value is for display purpose only



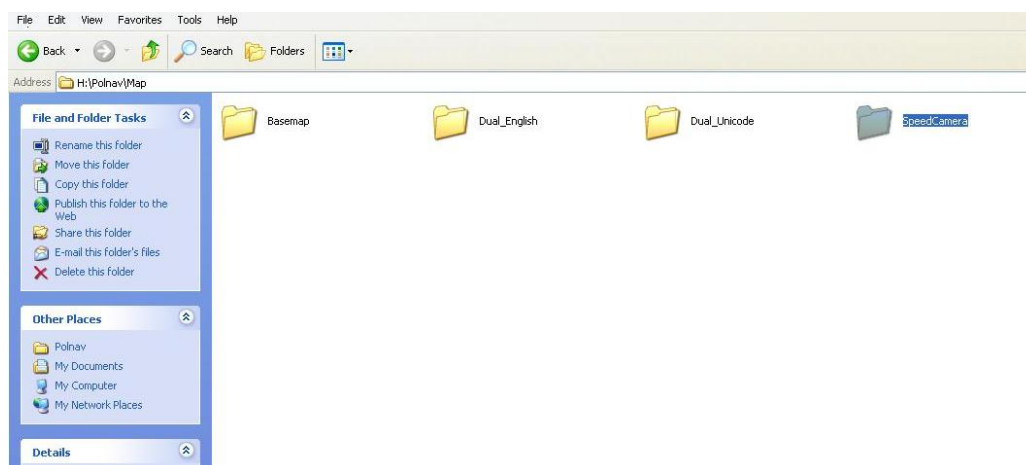


**Step 3:** Run **speCamConverter.exe**. Click **[File]-[Convert Camera]**, then select a \*.dat file made in step (2). A \*.sca file will be produced if raw data can be converted successfully or an error message box will display to indicate the reason.





**Step 4:** Copy the \*.sca file to EasyDrive. Create a folder “**SpeedCamera**” if it doesn’t exist under EasyDrive35GR\Map ή \EasyDrive4350GR\Map ή\EasyDrive35 EU\Map ή \EasyDrive4350EU\Map and put \*.sca inside it.



**Step 5:** Launch EasyDrive and enjoy your trip.

## Appendix 2

### How to Convert POI data

#### Introduction

**EasyDrive Car Navigator** supports Plugin POI functionality. A data converter is provided to convert user collected data to a proprietary format EasyDrive expects. Two kinds of plugin POI data are supported. First one is **“Extended POI”** – same category/subcategory as the ones EasyDrive predefines. You can find those POIs using

Nearby function.

The other one is **“My POI”** – a new category called “My POI” is introduced. **“My POI”** can be found under category “My POI”. Any subcategory and icons could be used.

#### Preparation

**Platform:** Microsoft Windows XP/2000

**Converter:** pluginPOIConverter.exe

#### Format of Raw Data

Prepare a text file collecting POIs information with one item in one line. No matter for **“Extended POI”** or **“My POI”**, the format is the same except for POI category. The format is so called CSV (\*.csv, comma separated values) – use comma (‘,’) to separate fields.

**<Longitude>,<Latitude>,<Category>,<Name>,{<Phone>},<National Importance>**

where

**< Longitude>** is the longitude value of the POI in floating point representation. Valid range is from -180 to +180

**< Latitude >** is the latitude value of the POI in floating point representation. Valid range is from -90 to +90

**<Category>** is the category of the POI. For “Extended POI”, refer to the permitted values listed in Appendix A. For “My POI”, this field has to be 0 or 0x0.

**< Name>** is the name of the POI. Note, if non-ascii name (ie, Unicode) is required, you have to save the \*.csv file as Unicode format

**< Phone >** is the phone number of the POI. The field could be missing if no information can be applied.

**<National Importance>** the possible value is 0 or 1. Value 1 means this POI is classified as National Importance – which will be shown on map even in the very high zoom scale.

#### Sample of Ascii Extended POI raw data

#Lon,Lat,Category,Name,{Phone},NationImportance

21.51304, 25.08137, 0x21,Λα Πάστα ,, 1 ή

21.51304, 25.08137, 0x21,Λα Πάστα ,2105522667, 1

#### Sample of Unicode My POI raw data (Chinese)

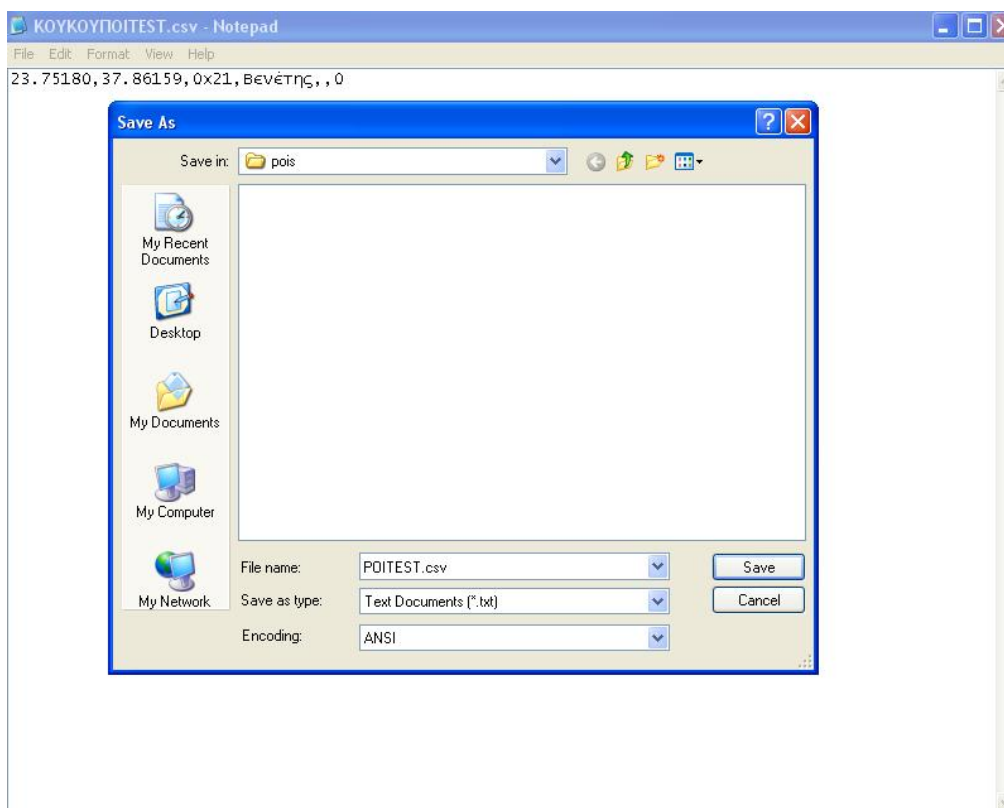
#Lon,Lat,Category,Name,{Phone},NationImportance

23.751803,37.861593,0,Λα Πάστα,,0 ή

23.751803,37.861593,0x0,Λα Πάστα,2108877262,0

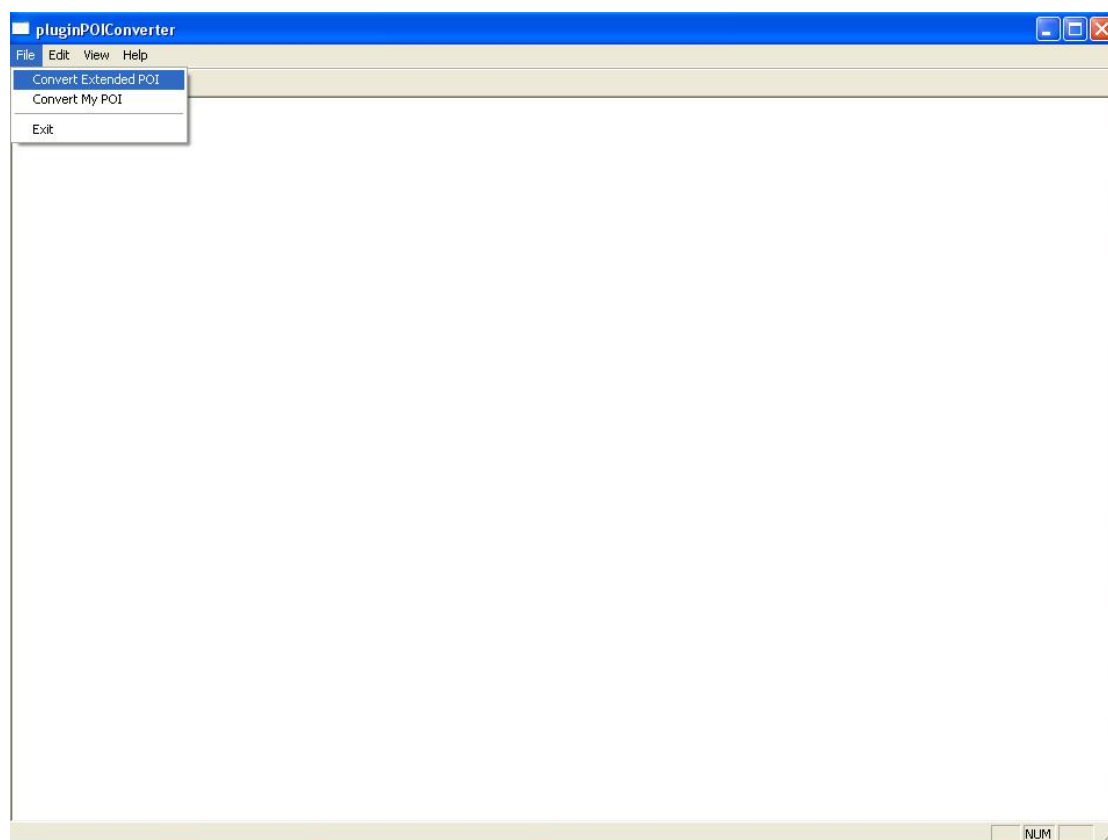
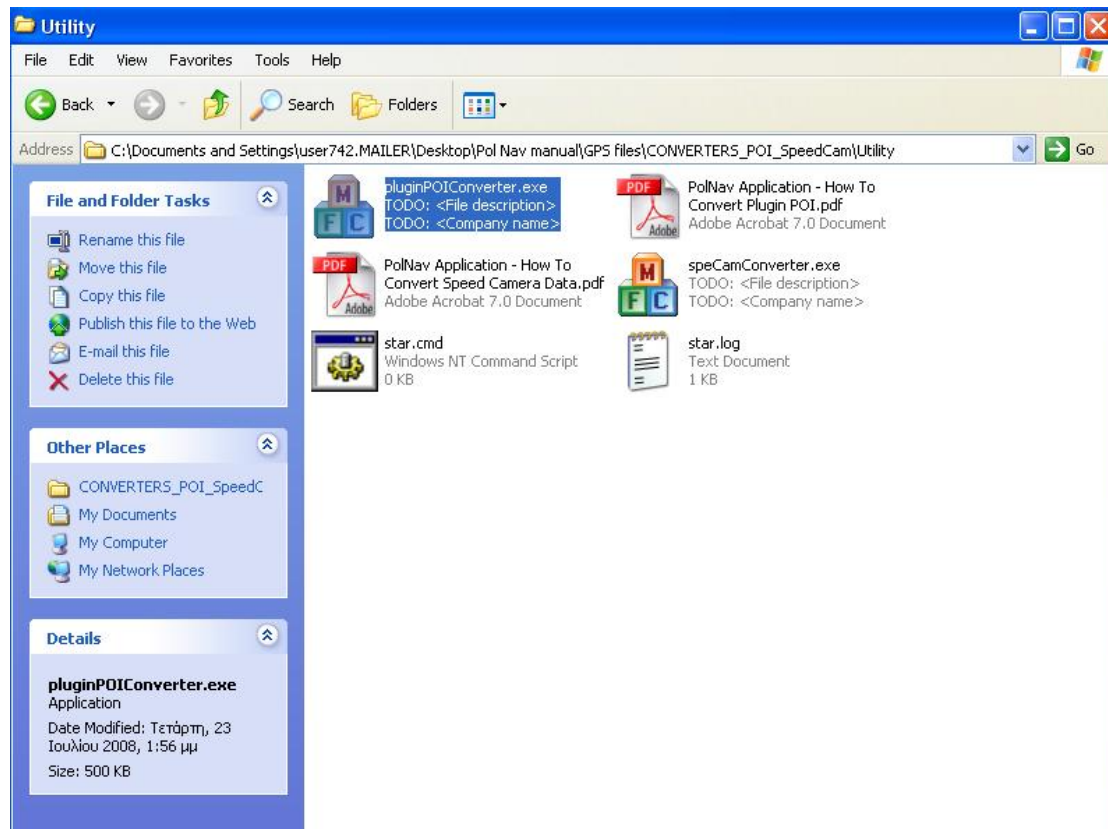
## How To Convert Extended POI

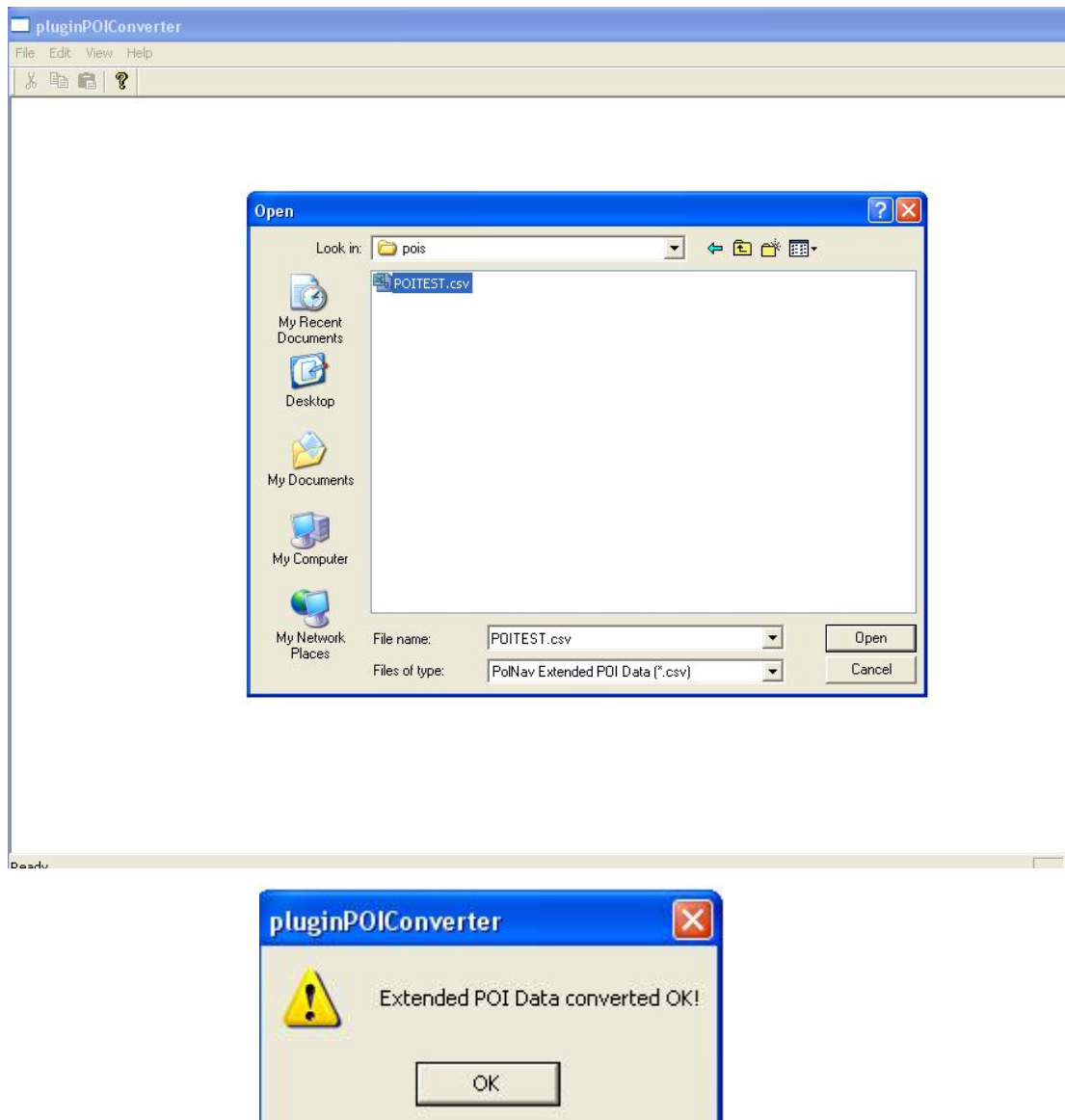
### Step 1: Collect and prepare csv file of Extended POI



**Step 2:** Run **pluginPOIConverter.exe**. Click **[File]-[Convert Extend POI]**, then select a \*.csv file made in step (1). A \*.poi file will be generated if raw data can be converted successfully or an error message box will display to indicate the status.





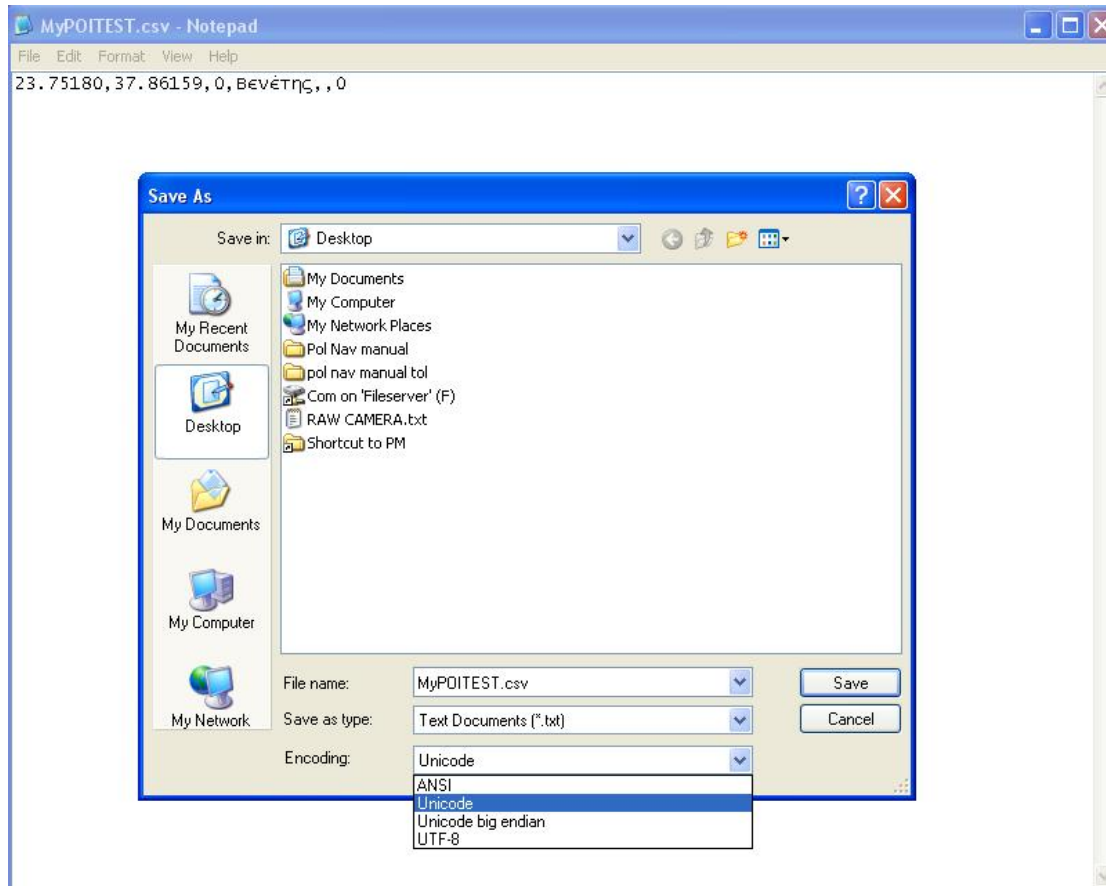


**Step 3:** Copy the created \*.poi file to any folder under EasyDrive35GR\Map ή \EasyDrive4350GR\Map ή \EasyDrive35EU\Map ή \EasyDrive4350EU\Map . It is recommended to create a new folder “**ExtendedPOI**” and put all the extended POI files under it.

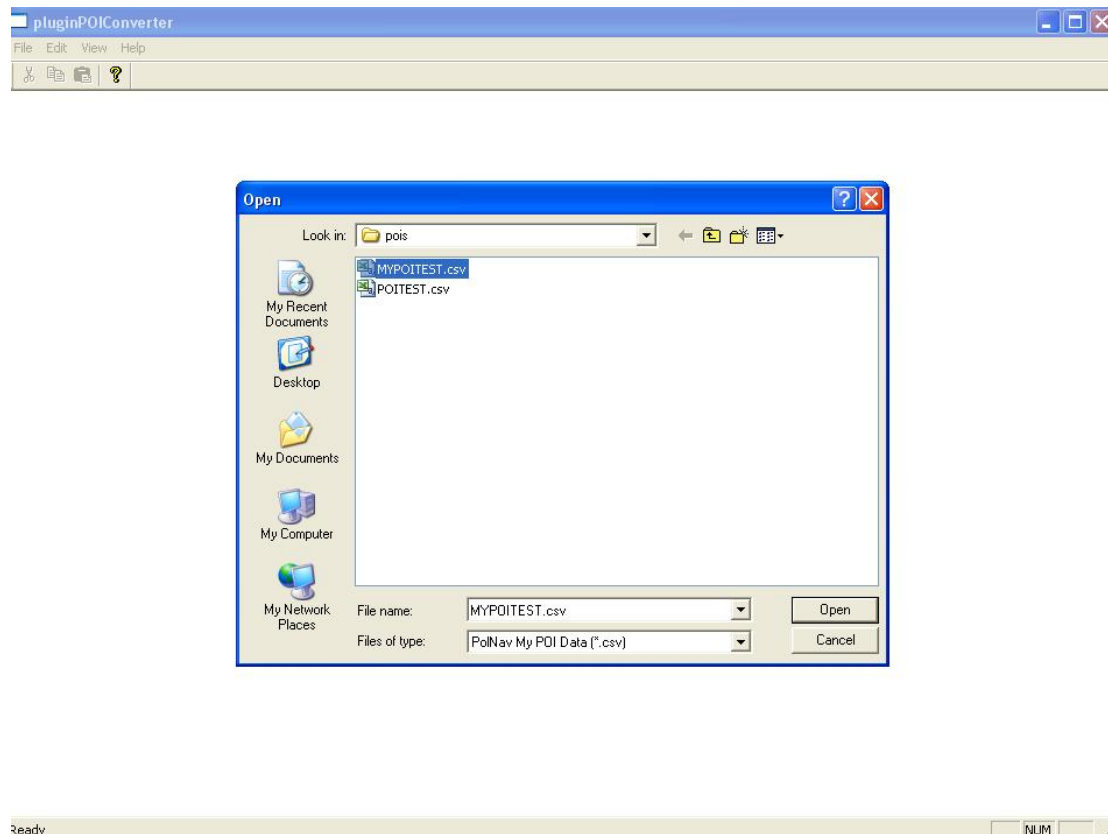
**Step 4:** Launch EasyDrive and you can find them via Nearby function.

## How To Convert My POI

### Step 1: Collect and prepare csv file of My POI



**Step 2:** Run **pluginPOIConverter.exe**. Click **[File]-[Convert My POI]**, then select a \*.csv file made in step (1). A \*.mypo file will be generated if raw data can be converted successfully or an error message box will display to indicate the status.



**Step 3:** Copy the created **\*.mypoi** file to any folder under EasyDrive35 GR\Map ή \EasyDrive4350GR\Map ή \EasyDrive35EU\Map ή \EasyDrive4350EU\Map . It is recommended to create a new folder “**MyPOI**” And put all the My POI files under it.

**Step 4:** EasyDrive will use the default My POI icon to represent such POIs. If you want to use your own icons, please provide the \*.bmp or \*.png image with the same base filename and put them into the same folder as **\*.mypoi**. The BMP or PNG format have to be 32 bits color plane with transparent alpha channel. The format and size of images can be referred from the stock images under <EasyDrive>\Image\POIIcon.

**Step 5:** By default, the base filename is used as the subcategory name of such POIs. If a different name or Unicode name are required, you can provide a little endian Unicode **\*.txt** file with the same base filename and put it into the same folder as **\*.mypoi**.

**Step 6:** Launch EasyDrive and you can find them via Nearby function. Such POIs can be found under category “**My POI**” and specific icons will be shown on map.

## Values of EasyDrive Defined POI Category

### CATEGORY TRANSPORTATION

Sub-category	Code
Railway Station	0x11
Airport	0x12
Bus Station	0x13
Ferry Terminal	0x14
Parking/Rest Area	0x15
Car Rental	0x16
Car Repair	0x17
Automobile Dealer	0x18
Gas Station	0x19
Border Crossing	0x1A
Road Sign	0x1B

### CATEGORY SHOPPING

Sub-category	Code
Shopping	0x21
Grocery Store	0x22
Pharmacy/Chemist	0x23
Book Store	0x24
Sport Good	0x25

### CATEGORY SPORT RECREATION

Sub-category	Code
Sport/Fitness Centre	0x31
Stadium/Sports Club	0x32
Ice Skating Rink	0x33
Bowling Centre	0x34
Golf Course	0x35
Public Sport Airport	0x36
Marina/Yacht	0x37
Automobile Club	0x38

### CATEGORY ENTERTAINMENT

Sub-category	Code
Casino	0x41
Performing Arts	0x42
Cinema	0x43
Bar/Pub/Night Club	0x44

### CATEGORY TOURISM

Sub-category	Code
Museum/Historical	0x51
Amusement/Theme Park	0x52
Tourist Attraction	0x53
Tourist Information	0x54



Ski Resort	0x55
Winery	0x56
National Park/Garden	0x57

## **CATEGORY FOOD DRINK**

<b>Sub-category</b>	<b>Code</b>
Restaurant	0x61
Coffee Shop	0x62

## **CATEGORY COMMUNITY**

<b>Sub-category</b>	<b>Code</b>
Community Centre	0x71
City Hall	0x72
City/District Council	0x73
Court House	0x74
Embassy	0x75
Tertiary Institution	0x76
School	0x77
Library	0x78
Convention/Exhibition Centre	0x79
Place of Worship	0x7A
Industrial Zone	0x7B
Settlement Zone	0x7C

## **CATEGORY EMERGENCY**

<b>Sub-category</b>	<b>Code</b>
Hospital/Medi-Clinic	0x81
Police Station	0x82

## **CATEGORY LODGING**

<b>Sub-category</b>	<b>Code</b>
Hotel/Travel Inn	0x91
Guest House	0x92

## **CATEGORY SERVICE**

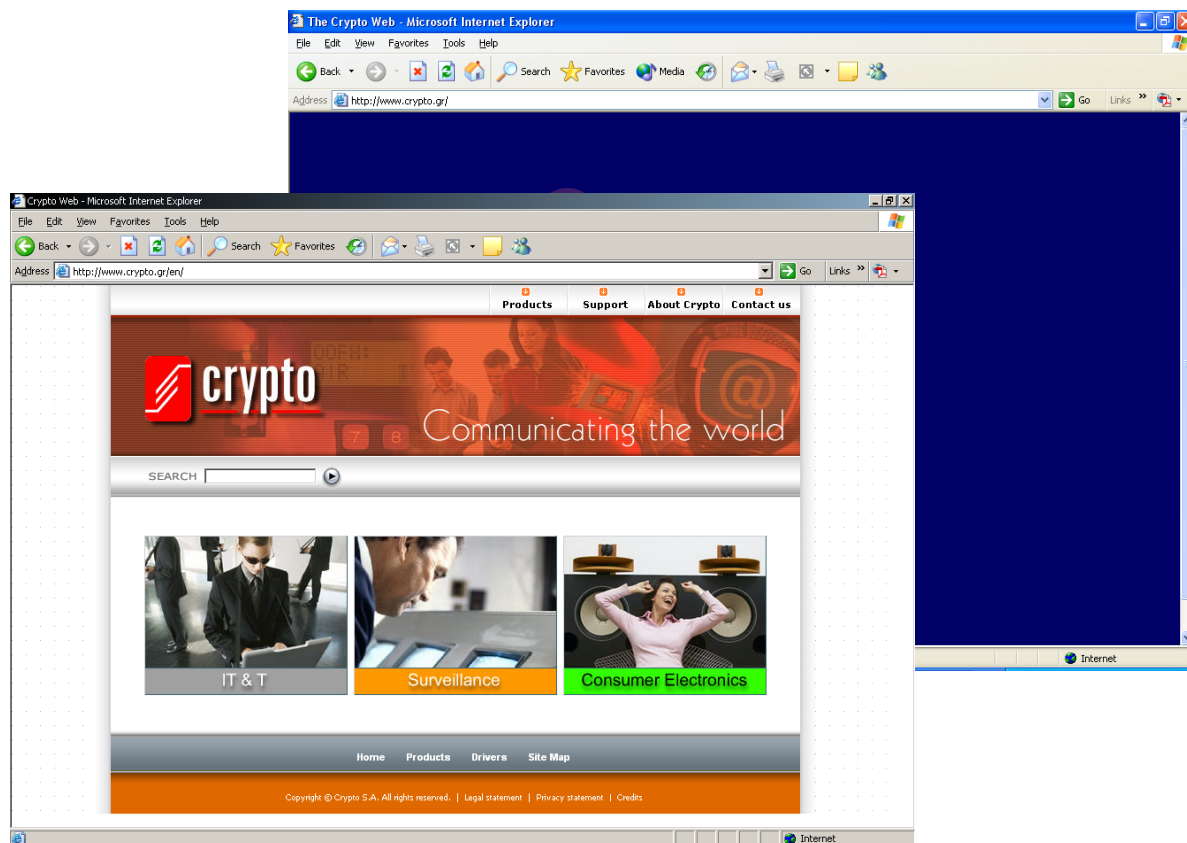
<b>Sub-category</b>	<b>Code</b>
Post Office	0xA1
Business Facility	0xA2
Bank	0xA3
ATM	0xA4
Medical Centre/Health Clinic	0xA5
Common Service	0xA6

## Technical Support

For technical information and support please contact us:

**Web Site:** [www.crypto.gr](http://www.crypto.gr)

**E-mail:** [support@crypto.gr](mailto:support@crypto.gr)



### Disposal of old electrical and electronic equipment

If you see this symbol on the product or on its packaging, you should hand the product over to the applicable collection point for the recycling of electrical and electronic equipment. Do not throw it away with household wastes.

The improper disposal of these products may have negative consequences for the environment and human health.

For more information about the recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased it.

